



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number: 112411**

**TO: Kevin Weddington**  
**Location: CM1/2A17/2D01**  
**Art Unit: 1614**  
**Tuesday, January 20, 2004**

**Case Serial Number: 10/016726**

**From: Edward Hart**  
**Location: Biotech-Chem Library**  
**CM1-6B02**  
**Phone: 305-9203**

**edward.hart@uspto.gov**

### **Search Notes**

Examiner Weddington,

Here are the results of the search you requested.

Please feel free to contact me if you have any questions.

Edward Hart

## SEARCH REQUEST FORM

11/24/11

Requestor's

Name: K. Weddington #68082

Serial

Number: 10/016,726Date: 1-19-04Phone: 308 4650Art Unit: 1614

## Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

A composition comprising

1) perillyl aldehyde

2) one inactive ingredient

The inactive ingredient is selected from

hexadecanol

octadecanol

propanediol

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## STAFF USE ONLY

Date completed: 1/20/04

Searcher: \_\_\_\_\_

Terminal time: \_\_\_\_\_

Elapsed time: \_\_\_\_\_

CPU time: \_\_\_\_\_

Total time: \_\_\_\_\_

Number of Searches: \_\_\_\_\_

Number of Databases: \_\_\_\_\_

Search Site

☒ STIC☒ CM-1☐ Pre-S

Type of Search

☐ N.A. Sequence☐ A.A. Sequence☐ Structure☐ Bibliographic

Vendors

☐ IG☒ STN☐ Dialog☐ APS☐ Geninfo☐ SDC☐ DARC/Questel☐ Other

=&gt; file hcaplus

FILE 'HCAPLUS' ENTERED AT 15:03:46 ON 20 JAN 2004

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FILE COVERS 1907 - 20 Jan 2004 VOL 140 ISS 4

FILE LAST UPDATED: 19 Jan 2004 (20040119/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L1          1 SEA FILE=REGISTRY ABB=ON  PLU=ON  "PERILLYL ALDEHYDE"/CN
L2          3 SEA FILE=REGISTRY ABB=ON  PLU=ON  HEXADECANOL/CN
L5          644 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L1
L6          7222 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L2
L9          11 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L5 AND (HEXADECANOL OR
          OCTADECANOL OR PROPANEDIOL)
L10         10 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L5 AND L6
L13         9 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L9 AND L10

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L13 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:591669 HCAPLUS

DOCUMENT NUMBER: 137:154384

TITLE: Symbiotic regenerative compositions containing microorganisms

INVENTOR(S): Schuer, Joerg-Peter

PATENT ASSIGNEE(S): Germany

SOURCE: Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1228769	A1	20020807	EP 2001-102384	20010202
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2002067986	A2	20020906	WO 2002-EP1056	20020201
WO 2002067986	A3	20031211		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,				

TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: EP 2001-102384 A 20010202

AB The invention concerns regenerative drugs, dietary supplements, feed additives that contain microorganisms and modulating substances, e.g. enzymes, GRAS (Generally Recognized As Safe) aromas, plant exts. Further the compns. contain vitamins, minerals, growth promoters, carrier substances, etc. Microorganisms are a-pathogenic, pathogenic or facultative pathogenic,.

IT 2111-75-3, Perillaaldehyde 36653-82-4, 1-Hexadecanol

RL: FFD (Food or feed use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(symbiotic regenerative compns. containing microorganisms)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:368343 HCAPLUS

DOCUMENT NUMBER: 136:374859

TITLE: Synergistic antimicrobial agents containing aromatic agents and having an antagonistic, regenerative and/or protagonist decontamination effect

INVENTOR(S): Schuer, Joerg P.

PATENT ASSIGNEE(S): Germany

SOURCE: PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002038181	A2	20020516	WO 2001-EP12974	20011109
WO 2002038181	A3	20030515		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1205188	A1	20020515	EP 2000-124497	20001109
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
AU 2002027913	A5	20020521	AU 2002-27913	20011109
EP 1331946	A2	20030806	EP 2001-989449	20011109
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			

PRIORITY APPLN. INFO.: EP 2000-124497 A 20001109

WO 2001-EP12974 W 20011109

AB The invention relates to medicaments comprising a microbicidal composition consisting of at least two GRAS (Generally Recognized As Safe) aromatic agents or their derivs., and to the use of these compns. for producing decontamination and/or regenerative agents for treating humans and animals. Thus an antimicrobial composition contained (weight/weight%): anise alc.

45; borneol 35; rhodinol 20.

IT 2111-75-3, Perillaaldehyde 36653-82-4, 1-  
Hexadecanol

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(synergistic antimicrobial agents containing aromatic agents and having  
antagonistic, regenerative and/or protagonist decontamination effect)

L13 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:869578 HCAPLUS

DOCUMENT NUMBER: 136:324256

TITLE: Characteristic aroma components of the volatile oil of  
yellow keaw mango fruits determined by limited odor  
unit method

AUTHOR(S): Boonbumrung, Sumitra; Tamura, Hirotooshi; Mookdasanit,  
Juta; Nakamoto, Hideki; Ishihara, Masakazu; Yoshizawa,  
Takumi; Varanyanond, Warunee

CORPORATE SOURCE: Department of Biochemistry and Food Science, Kagawa  
University, Kagawa, 761-0795, Japan

SOURCE: Food Science and Technology Research (2001), 7(3),  
200-206

CODEN: FSTRFS; ISSN: 1344-6606

PUBLISHER: Japanese Society for Food Science and Technology

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Odor detection thresholds of optically active compds. and other volatile  
compds. found in the oil of yellow Keaw mangoes were determined. Odor intensity  
of individual components was evaluated by Lod (limited odor unit) based on  
data of the odor detection threshold and the concentration of individual  
components at the recognition threshold level of the volatile oils.  
 $\beta$ -Damascenone and terpinolene were found to have Lod values greater  
than one and were identified as the components most responsible for the  
characteristic aroma. Odor recognition threshold of a mixture of 15 chems.  
having larger Lod values against natural Keaw mango oils was 1.8 ppm,  
which exceeded that of Keaw mango oils (0.62 ppm) against Ok-rong mango  
oils. The mixture of 15 compds. comprising  $\beta$ -damascenone, terpinolene,  
Et hexanoate, (E,Z)-(2,6)-nonadienal, 2,5-dimethyl-4-methoxy-3(2H)-  
furanone, (3R)-(-)-linalool, Et butyrate, Et octanoate, ethanol,  
(1S)-(+)- $\delta$ -3-carene, (1S,5S)-(-)- $\alpha$ -pinene, trans-linalool  
oxide, (3S)-(+)-linalool, butyric acid, and p-methylacetophenone was  
judged to possess an aroma very similar to that of the natural Keaw mango.  
Thus, these 15 compds. were the key contributors to the aroma of Keaw  
mango.

IT 2111-75-3, Perillaldehyde 36653-82-4, 1  
Hexadecanol

RL: ANT (Analyte); BSU (Biological study, unclassified); OCU (Occurrence,  
unclassified); ANST (Analytical study); BIOL (Biological study); OCCU  
(Occurrence)

(characteristic aroma components of volatile oil of yellow keaw mango  
fruits determined by limited odor unit method)

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 4 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:427824 HCAPLUS

DOCUMENT NUMBER: 135:208167

TITLE: Composition of the essential oils of Tanacetum armenum  
(DC.) Schultz Bip., T. balsamita L., T. chiliophyllum  
(Fisch. & meyer.) Schultz bip. var. chiliophyllum and T.  
haradjani (Rech. fil.) grierson and the enantiomeric  
distribution of camphor and carvone

AUTHOR(S): Baser, K. Husnu Can; Demirci, Betul; Tabanca,  
Nurhayat; Ozek, Temel; Goren, Nezhun

CORPORATE SOURCE: Medicinal and Aromatic Plant and Drug Research Centre  
(TBAM), Anadolu University, Eskisehir, 26470, Turk.

SOURCE: Flavour and Fragrance Journal (2001), 16(3), 195-200  
 CODEN: FFJOED; ISSN: 0882-5734  
 PUBLISHER: John Wiley & Sons Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

AB Water-distilled essential oils from herbal parts of *Tanacetum armenum* (DC.) Schultz Bip., *T. balsamita* L. (syn. *Balsamita major*), *T. chiliophyllum* (Fisch. & Mey.) Schultz Bip. var. *chiliophyllum* and *T. haradjani* (Rech. Fil.) Grierson (endemic) (Compositae) from Turkey were analyzed by GC-MS. The leaf and herb oils of *T. armenum* were characterized with 1,8-cineole (31% and 11%) and camphor (9% and 27%), resp., as the main constituents. The major component characterized in the herb oil of *T. balsamita* was carvone (52%). Camphor (17% and 16%) was the main constituent in the oils of *T. chiliophyllum* var. *chiliophyllum* and *T. haradjani*, resp. The enantiomeric distribution of carvone in the essential oil of *T. balsamita* and camphor in the essential oils of *T. armenum*, *T. chiliophyllum* var. *chiliophyllum* and *T. haradjani* were determined using a fused silica Lipodex E capillary column.

IT 2111-75-3, Perillaldehyde 36653-82-4, 1-Hexadecanol

RL: BOC (Biological occurrence); BSU (Biological study, unclassified); BIOL (Biological study); OCCU (Occurrence)  
 (essential oils of *Tanacetum armenum*, *T. balsamita*, *T. chiliophyllum*, *chiliophyllum* and *T. haradjani* plus the enantiomeric distribution of camphor)

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:74187 HCAPLUS  
 DOCUMENT NUMBER: 134:325373  
 TITLE: Volatile components of essential oils of the Citrus genus  
 AUTHOR(S): Sawamura, Masayoshi  
 CORPORATE SOURCE: Department of Bioresources Science, Faculty of Agriculture, Kochi University, Kochi, 783-8502, Japan  
 SOURCE: Recent Research Developments in Agricultural & Food Chemistry (2000), 4(Pt. 1), 131-164  
 CODEN: RAFCFL  
 PUBLISHER: Research Signpost  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

AB The volatile components of essential oils of the Citrus genus was investigated. The volatile compns. of 98 kinds of citrus fruits were presented here. Most citrus samples were obtained in Japan and several samples were from Korea, Italy and Malaysia. All the samples were obtained at the optimum harvest time in the ripening stage. All the detns. were carried out under the same method and anal. conditions to obtain comparable data to each other. The essential oils were prepared by cold pressing as native as possible. Quant. determination and identification

were

carried out with a Shimadzu gas chromatograph GC-14A and a Shimadzu QP-5000 GC-MS equipped with a Thermo 600T capillary column. One hundred and thirty-seven compds. were identified and quant. determined

IT 2111-75-3, Perillaldehyde 36653-82-4, Hexadecanol

RL: ANT (Analyte); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); ANST (Analytical study); BIOL (Biological study)  
 (of essential oils of Citrus genus)

REFERENCE COUNT: 91 THERE ARE 91 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:309789 HCAPLUS  
 DOCUMENT NUMBER: 133:71424  
 TITLE: Volatile constituents in juice and oil of Australian wild lime (*Microcitrus inodora*)  
 AUTHOR(S): Shaw, Philip E.; Moshonas, Manuel G.; Bowman, Kim D.  
 CORPORATE SOURCE: ARS, SAA Citrus and Subtropical Products Lab, USDA, Winter Haven, FL, 33881, USA  
 SOURCE: Phytochemistry (2000), 53(8), 1083-1086  
 CODEN: PYTCAS; ISSN: 0031-9422  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

AB Fifty-three volatile constituents from the juice and twenty from the peel oil of *Microcitrus inodora* have been identified by gas chromatog. and mass spectral anal. All except seven had been reported earlier as citrus constituents. Since *M. inodora* is used as a parent for production of new citrus hybrids, this information will be useful to horticulturists, plant breeders and phytochemists.

IT 2111-75-3, Perillaldehyde 36653-82-4, 1-

**Hexadecanol**

RL: BOC (Biological occurrence); BSU (Biological study, unclassified);  
 BIOL (Biological study); OCCU (Occurrence)  
 (volatile constituents in juice and oil of *Microcitrus inodora*)

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1994:612662 HCAPLUS  
 DOCUMENT NUMBER: 121:212662  
 TITLE: Flavor and fragrance compositions produced using process for quantitatively and qualitatively substantially continuously analyzing the aroma emitted from a living fruit  
 INVENTOR(S): Mookherjee, Braja D.; Trenkle, Robert W.; Patel, Subha M.; Brown, Sharon M.  
 PATENT ASSIGNEE(S): International Flavors and Fragrances Inc., USA  
 SOURCE: U.S., 23 pp. Cont.-in-part of U.S. 5,263,359.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 5  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5321006	A	19940614	US 1993-108794	19930819
PRIORITY APPLN. INFO.:			US 1992-988337	19921209
			US 1993-23960	19930226

AB A process for producing flavor and fragrance compns. comprises of first quant. and qual. analyzing the aroma emitted and rates of emission of the components thereof: (i) from within the pith section and/or the inner wood section; and (ii) the outer bark surface of a living tree, simultaneously, and, optionally from within and from the outer surface of one or more fruits; and then providing at least the major aroma components found in at least one of the analyses and admixing the resulting components to form a fragrance composition and/or a flavor composition. The living tree, for example, may be a Douglas fir, maple, papaya, mahogany, or a nectarine tree. A fragrance formulation contained  $\alpha$ -pinene 1.00,  $\beta$ -pinene 4.83, myrcene 21.18, limonene 63.01, thymol Me ether 0.53, and longifolene 1.31 parts by weight

IT 2111-75-3, Perillaldehyde 36653-82-4,

**Hexadecanol**

RL: BIOL (Biological study)

(for flavor and fragrance comps., fruit and tree aroma anal.in relation to)

L13 ANSWER 8 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1994:181992 HCAPLUS

DOCUMENT NUMBER: 120:181992

TITLE: Method and apparatus for simultaneously analyzing aroma emitted from the interior and exterior of living tree and optionally from living fruit

INVENTOR(S): Mookherjee, Braja D.; Trenkle, Robert W.; Patel, Subha M.; Brown, Sharon M.

PATENT ASSIGNEE(S): International Flavors and Fragrances Inc., USA

SOURCE: U.S., 16 pp. Cont. -in-part of U.S. Ser. No. 988,337.  
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5263359	A	19931123	US 1993-23966	19930226
PRIORITY APPLN. INFO.:			US 1992-988337	19921209

AB A process is described for quant. and qual. substantially continuously analyzing the aroma emitted and the rates of emission of the components thereof: (I) from within the pit section and/or the inner wood section; and (II) the outer bark surface of a living tree, simultaneously, and optionally from within and from the outer surface of one or more fruits borne by the living tree using simultaneously operating aroma trapping devices connected to the outer tree trunk surface and an inner location within the tree and, if desired, connected to the fruit surface and an internal location within the fruit. Also described is apparatus for carrying out such a process. The living tree, for example, may be a living Douglas fir, maple tree, papaya tree, mahogany tree, or nectarine tree. The interior and exterior volatile head space constituents of a mature Douglas fir were analyzed using sampling apparatus containing Tenax headspace traps in glass tubes attached to  $\alpha$ -2 vacuum pumps. After 7 h of pumping, the contents of the traps were analyzed by GC-MS anal.

IT 2111-75-3, Perillaldehyde 36653-82-4,

**Hexadecanol**

RL: ANT (Analyte); ANST (Analytical study)

(determination of, in interior and exterior of Douglas fir)

L13 ANSWER 9 OF 9 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1992:104811 HCAPLUS

DOCUMENT NUMBER: 116:104811

TITLE: The composition of woodruff volatiles (Galium odoratum)

AUTHOR(S): Woerner, Martin; Schreier, Peter

CORPORATE SOURCE: Univ. Wuerzburg, Wuerzburg, W-8700, Germany

SOURCE: Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung (1991), 193(4), 317-20

CODEN: ZLUFAR; ISSN: 0044-3026

DOCUMENT TYPE: Journal

LANGUAGE: German

AB Studies of the composition of an aroma extract of dried woodruff by medium-pressure liquid chromatog. following Soxhlet extraction and chlorophylls removal by gel-permeation chromatog. revealed the presence of 225 substances, 69 of which were alcs., 69 carbonyl compds., 22 hydrocarbons, 20 acids, 19 esters, 14 lactones and 12 other compds. Of the  $\gamma$ -lactones, multi-dimensional gas chromatog. indicated an



enantiomeric excess of the R-isomer with increasing chain length. Only 1 substance was previously unknown in nature: 7,11,15-trimethyl-2-hexadecanone; it is thus proposed as an anal. indicator for the detection of the illegal use of woodruff aromas in foods.

IT 2111-75-3, Perillaaldehyde 36653-82-4, 1-

**Hexadecanol**

RL: BOC (Biological occurrence); BSU (Biological study, unclassified);  
BIOL (Biological study); OCCU (Occurrence)  
(of woodruff aroma)

=> sel hit rn

E1 THROUGH E2 ASSIGNED

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at;

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s e1-e2

1 2111-75-3/BI

(2111-75-3/RN)

1 36653-82-4/BI

(36653-82-4/RN)

L14 2 (2111-75-3/BI OR 36653-82-4/BI)

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L14 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

RN 36653-82-4 REGISTRY

CN 1-Hexadecanol (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-Cetanol

CN Adol 52

CN Adol 52NF

CN Adol 54

CN Alfol 16

CN Alfol 16RD

CN Atalco C

CN Cachalot C 51

CN Cetaffine

CN Cetal

CN Cetalcos

CN Cetalol CA

CN Cetanol  
 CN Cetyl alcohol  
 CN Cetylic alcohol  
 CN Cetylol  
 CN CO 1695  
 CN Conol 1695  
 CN Crodacol C  
 CN Crodacol CAS  
 CN Crodacol CAT  
 CN Elfacos C  
 CN Epal 16  
 CN Ethal  
 CN Ethol  
 CN Hexadecanol  
 CN Hexadecyl alcohol  
 CN Hyfatol 16  
 CN Hyfatol 16-85  
 CN Hyfatol 16-95  
 CN Kalcohol 60  
 CN Kalcohol 6098  
 CN Kalcol 68  
 CN Lanette 16  
 CN Lanol C  
 CN Laurex 16  
 CN Lorol 24  
 CN Lorol C 16  
 CN Loxanol K  
 CN Loxanol K extra  
 CN Loxanwax SK  
 CN n-1-Hexadecanol  
 CN n-Cetyl alcohol  
 CN n-Hexadecanol  
 CN NSC 4194  
 CN Palmitic alcohol  
 CN Palmityl alcohol  
 CN Product 308  
 CN Siponol CC  
 CN Siponol Wax A

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

FS 3D CONCORD

DR 8014-51-5, 8023-37-8, 8032-16-4, 8032-17-5, 8032-89-1, 124-29-8,  
55069-45-9

MF C16 H34 O

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS,  
BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,  
CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*,  
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ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PDLCOM\*, PIRA, PROMT, RTECS\*,  
SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VTB  
(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

HO- (CH<sub>2</sub>)<sub>15</sub>-Me

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6927 REFERENCES IN FILE CA (1907 TO DATE)  
 213 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 6938 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:48239  
 REFERENCE 2: 140:47517  
 REFERENCE 3: 140:47035  
 REFERENCE 4: 140:46172  
 REFERENCE 5: 140:43087  
 REFERENCE 6: 140:41024  
 REFERENCE 7: 140:31474  
 REFERENCE 8: 140:28369  
 REFERENCE 9: 140:20081  
 REFERENCE 10: 140:19861

L14 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

RN 2111-75-3 REGISTRY

CN 1-Cyclohexene-1-carboxaldehyde, 4-(1-methylethenyl)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Cyclohexene-1-carboxaldehyde, 4-isopropenyl- (7CI; 8CI)

CN Perillaldehyde (6CI)

OTHER NAMES:

CN (±)-Perillaldehyde

CN 4-(2-Propenyl)-1-cyclohexenecarboxaldehyde

CN 4-Isopropenyl-1-cyclohexene-1-carboxaldehyde

CN 4-Isopropenyl-1-cyclohexenecarboxaldehyde

CN dl-Perillaldehyde

CN NSC 138642

CN p-Mentha-1,8-dien-7-al

CN Perilla aldehyde

CN Perillal

CN Perillyl aldehyde

FS 3D CONCORD

DR 6611-91-2, 21090-66-4

MF C10 H14 O

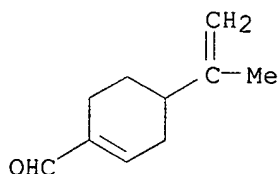
CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, HODOC\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, NAPRALERT, PROMT, RTECS\*, SPECINFO, TOXCENTER, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

641 REFERENCES IN FILE CA (1907 TO DATE)  
7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
644 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
22 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 139:363891  
REFERENCE 2: 139:354493  
REFERENCE 3: 139:351927  
REFERENCE 4: 139:316800  
REFERENCE 5: 139:306762  
REFERENCE 6: 139:275949  
REFERENCE 7: 139:227284  
REFERENCE 8: 139:202066  
REFERENCE 9: 139:202063  
REFERENCE 10: 139:196526